23.   (New) The at least one program storage device of claim 22, wherein the recovering further comprises receiving by the coordinator any commit protocol messages for the one or more transactions the coordinator does not already have.

24.   (New) The at least one program storage device of claim 23, wherein the coordinator initiates the commit protocol for the one or more transactions.

REMARKS

Claims 1-3 were originally presented in the parent application. Claims 4-24 have hereinabove been added to more particularly point out and distinctly claim the subject invention. Therefore, claims 1-24 remain in this case.

Support for the new claims can be found throughout the specification and, therefore, no new matter has been added. The amendments to the specification merely filled in serial numbers of related applications not available at filing.

Applicants respectfully request substantive examination of claims 1-24.

Attached hereto is a marked up version of the changes made to the specification by the current amendment. The attached pages are captioned "**Version with Markings to Show Changes Made.**"

CONCLUSION

If a telephone conference would be of assistance in advancing prosecution of the subject application, Applicants' undersigned attorney invites the Examiner to telephone him at the number provided.

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Version with Markings to Show Changes Made

On the first page of the application, amend the three paragraphs having blanks (i.e., lines 11-21) with the following:

"METHOD, SYSTEM AND PROGRAM PRODUCTS FOR MANAGING PROCESSING GROUPS OF A DISTRIBUTED COMPUTING ENVIRONMENT," Novaes et al., ~~(Docket No. POU9-2000-0003-US1),~~ Serial No. 09/584,259 ——————, filed herewith;

"METHOD, SYSTEM AND PROGRAM PRODUCTS FOR SERIALIZING REPLICATED TRANSACTIONS OF A DISTRIBUTED COMPUTING ENVIRONMENT," Novaes et al., ~~(Docket No. POU9-2000-0014-US1),~~ Serial No. 09/584,481 ——————, filed herewith;

"SYNCHRONOUS REPLICATION OF TRANSACTIONS IN A DISTRIBUTED SYSTEM," Novaes et al., ~~(Docket No. POU9-2000-0006-US1),~~ Serial No. 09/583,370 ——————, filed herewith; and

On the second page of the application, amend the first paragraph having blanks (i.e., lines 1-3) with the following:

"METHOD, SYSTEM AND PROGRAM PRODUCTS FOR MANAGING A CLUSTERED COMPUTING ENVIRONMENT," Novaes et al., ~~(Docket No. POU9-2000-0004-US1),~~ Serial No. 09/583,677 ——————, filed May 31, 2000 ——————.